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LIVE BIRTHS AND EXCESS BIRTHS
WITH RATES AND RANKS BY COLOR:
NORTH CAROLINA AND EACH COUNTY, 1971

June 15, 1972

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NORTH CAROLINA STATE BOARD OF HEALTH

DIVISION OF EPIDEMIOLOGY

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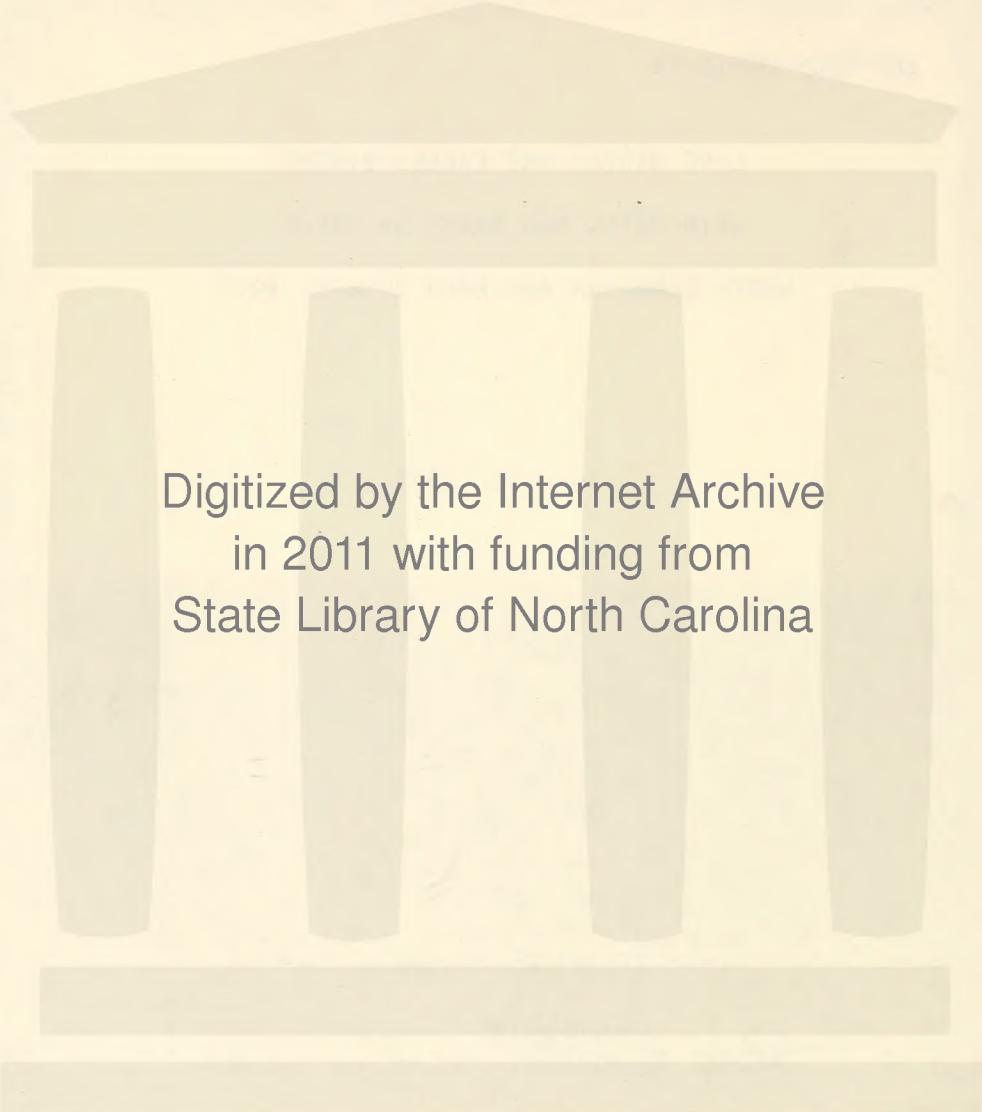
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This Report was Prepared for
Lynn Knauff, Director
OEO/CPC Rural Family Planning Project
by
Public Health Statistics Section
North Carolina State Board of Health



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I. TECHNICAL NOTES

A. Definitions

A live birth is the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy, which, after such separation, breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or any definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached. Each product of such a birth is considered live born (1).

For this report births which fall in the following categories are defined as excess births (2):

<u>Age of Mother</u>	<u>Excess Births</u>
All Ages	All Illegitimate Births
< 17	All Births
17 - 19	Births Above 1st Order
20 - 24	Births Above 2nd Order
25 - 29	Births Above 3rd Order
30 - 34	Births Above 4th Order
35 - 39	Births Above 5th Order
≥ 40	All Births

B. Rates

Crude birth rates are computed for total, white and nonwhite, resident live births .

$$\text{Annual Birth Rate} \quad = \frac{\text{Annual Number of live births}}{\text{Population of Area}} \times 1000$$

(Crude)

Rates for excess births are expressed as a percentage of the total births.

$$\text{Percentage of Excess Births} = \frac{\text{Annual Number of Excess Births}}{\text{Annual Number of Live Births}} \times 100$$

Rates are rounded to one decimal place for this report. A rate of 0.0 is shown for rates less than 0.05.

C. Ranks

Ranks are based on the rates calculated for a selected event. The rank for a selected event for a given county is the position in which the rate appears when the comparable rates from 100 counties are ordered from high to low value. The rank shows the relative position of a county's rate among the rate of all 100 counties. Ranks may range from 1 to 100, high rate to low rate.

Ranks are based on rates computed to seven significant digits. Ties are assigned the average of the tied ranks. For example, if two values are tied for sixth place, they are assigned a rank of 6.5 [(6 + 7) / 2].

D. Race or Color Allocation

Two broad categories, "white" and "nonwhite," are used in this report. Nonwhite is predominantly Negro (95%) in North Carolina (3). For births, where one parent is classified as white and the other nonwhite, the child is classified as nonwhite.

E. Residence Allocation

Vital events in this report are allocated to the place of residence (county) regardless of the place of occurrence. For births, residence is the usual residence of mother (1).

NOTE: The need for family planning as expressed by the statistics on excess births has been explored by Dr. Horace C. Hamilton (4) in The Health Bulletin of the State Board of Health in 1969. The definition of excess births in the publication mentioned above differs from the definition used in this report.

REFERENCES

- (1) North Carolina State Board of Health, Public Health Statistics Section. North Carolina Vital Statistics 1971, Population, Births, Deaths, Marriages, Divorces. Volume 1.
- (2) Hamilton, C. Horace (December, 1970). "Number and Percentage of Excess Births in North Carolina, 1968" (unpublished letter).
- (3) U. S. Bureau of the Census (1971). Census of Population Characteristics Final Report PC(1)-B35 North Carolina. U. S. Government Printing Office, Washington, D. C.
- (4) Hamilton, C. Horace (April, 1969). "The Need for Family Planning in North Carolina." The Health Bulletin. North Carolina State Board of Health, pp. 6-12.

III. TABLES

RANKING OF EXCESS BIRTH RATES BY COUNTY, 1971

COUNTY	NUMBER	RATE	RANK
HYDE	59	62.1	1.0
NORTHAMPTON	255	61.3	2.0
BERTIE	184	59.9	3.0
HOKE	208	58.6	4.0
TYRRELL	32	58.2	5.0
EDGECOMBE	519	56.2	6.0
JONES	96	54.2	7.0
HALIFAX	526	54.2	8.0
FRANKLIN	234	53.8	9.0
ROBESON	1190	53.6	10.0
PAMLICO	81	52.9	11.0
GREENE	108	51.9	12.0
HERTFORD	201	51.5	13.0
ANSON	229	51.2	14.0
WASHINGTON	132	51.2	15.0
VANCE	334	50.3	16.0
WILSON	506	50.2	17.0
GRANVILLE	255	49.4	18.0
WARREN	121	49.2	19.0
CAMDEN	48	48.5	20.0

RANKING OF EXCESS BIRTH RATES BY COUNTY, 1971

COUNTY	NUMBER	RATE	RANK
SCOTLAND	293	47.5	21.0
MARTIN	217	47.5	22.0
PENDER	135	47.0	23.0
BLADEN	203	46.6	24.0
COLUMBUS	418	46.0	25.0
RICHMOND	337	45.9	26.0
MONTGOMERY	162	45.9	27.0
PITT	593	44.9	28.0
BEAUFORT	287	44.8	29.0
LENOIR	432	44.4	30.0
NASH	484	44.4	31.0
BRUNSWICK	222	43.4	32.0
PERQUIMANS	56	43.4	33.0
GASTON	1317	43.0	34.0
MORRE	306	42.9	35.0
DUPLIN	297	42.8	36.0
MCDOWELL	242	42.6	37.0
LEE	258	42.6	38.0
GATES	59	42.4	39.0
CLEVELAND	590	42.3	40.0

RANKING OF EXCESS BIRTH RATES BY COUNTY, 1971

COUNTY	NUMBER	RATE	RANK
SAMPSON	311	41.6	41.0
CHOWAN	81	41.3	42.0
SWAIN	76	40.9	43.0
CABARRUS	526	40.7	44.0
ROCKINGHAM	553	40.6	45.0
CALDWELL	482	40.3	46.0
JOHNSTON	435	40.2	47.0
LINCOLN	268	39.8	48.0
RUTHERFORD	339	39.6	49.0
HARNETT	361	39.6	50.0
TREDELL	503	39.5	51.0
UNION	431	38.8	52.0
CASWELL	121	38.3	53.0
PERSON	188	38.3	54.0
ALLEGHANY	46	38.0	55.0
DAVIDSON	680	37.5	56.0
CURRI TUCK	40	37.4	57.0
GULFORD	1928	37.1	58.0
FORSYTH	1363	36.2	59.0
NEW HANOVER	613	36.1	60.0

RANKING OF EXCESS BIRTH RATES BY COUNTY, 1971

COUNTY	NUMBER	RATE	RANK
DAVIE	135	36.1	61.0
MECKLENBURG	2489	35.7	62.0
HAYWOOD	247	35.6	63.0
STANLY	277	35.4	64.0
ROWAN	527	35.3	65.0
BUNCOMBE	789	35.1	66.0
DURHAM	786	34.8	67.0
PURKE	374	34.3	68.0
ALAMANCE	561	34.2	69.0
STOKES	146	34.2	70.0
WILKES	306	34.1	71.0
WAYNE	602	34.0	72.0
CRAVEN	522	33.6	73.0
CHEROKEE	92	33.2	74.0
CATAWBA	575	32.9	75.0
CUMBERLAND	1755	32.7	76.0
AVERY	77	32.6	77.0
HENDERSON	236	32.6	78.0
PASCOOTANK	140	32.6	79.0
RANDOLPH	430	32.6	80.0

RANKING OF EXCESS BIRTH RATES BY COUNTY, 1971

COUNTY	NUMBER	RATE	RANK
GRAHAM	36	32.4	81.0
MICHELL	79	32.1	82.0
TRANSYLVANIA	102	31.8	83.0
JACKSON	106	31.5	84.0
DARE	34	31.5	85.0
MACON	68	31.3	86.0
CHATHAM	157	31.1	87.0
YANCEY	61	30.7	88.0
CLAY	24	30.4	89.0
MADISON	70	30.3	90.0
ALEXANDER	104	30.1	91.0
POLK	52	29.9	92.0
SURRY	266	29.5	93.0
WAKE	1185	29.0	94.0
WATAUGA	103	28.9	95.0
CARTERET	179	28.9	96.0
ASHE	84	28.3	97.0
ONSLOW	785	28.2	98.0
YADKIN	103	26.7	99.0
ORANGE	217	22.5	100.0

**LIVE BIRTHS AND EXCESS BIRTHS WITH RATES AND RANKS BY COLOR
FOR NORTH CAROLINA AND EACH COUNTY, 1971**

COUNTY	LIVE BIRTHS			EXCESS BIRTHS		
	NUMBER	RATE	RANK	NUMBER	RATE	RANK
ALAMANCE	1638	16.8	66.0	561	34.2	69.0
WHITE	1217	15.2	70.0	302	24.8	66.0
NONWHITE	421	24.0	41.0	259	61.5	72.0
ALEXANDER	345	17.3	58.0	104	30.1	91.0
WHITE	311	16.9	28.0	85	27.3	54.0
NONWHITE	34	21.6	65.0	19	55.9	83.0
ALLEGHANY	121	14.8	94.0	46	38.0	55.0
WHITE	115	14.5	82.0	43	37.4	3.0
NONWHITE	6	24.8	32.0	3	50.0	89.0
ANSON	447	19.2	20.0	229	51.2	14.0
WHITE	185	14.8	74.0	51	27.6	51.0
NONWHITE	262	24.2	38.0	178	67.9	47.0
ASHE	297	15.2	92.0	84	28.3	27.0
WHITE	295	15.3	66.0	84	28.5	41.0
NONWHITE	2	8.8	99.0	0	0.0	98.0
AVERY	236	18.5	28.0	77	32.6	77.0
WHITE	235	18.6	11.0	77	32.8	13.0
NONWHITE	1	10.8	98.0	0	0.0	98.0
BEAUFORT	641	17.8	45.0	287	44.8	29.0
WHITE	402	16.6	35.0	114	28.4	42.0
NONWHITE	239	20.2	75.0	173	72.4	23.0
BERTIE	307	15.3	88.0	184	59.0	3.0
WHITE	80	9.1	100.0	16	20.0	89.0
NONWHITE	227	20.2	76.0	168	74.0	14.0
BLADEN	436	16.7	69.0	203	46.6	24.0
WHITE	231	14.5	81.0	56	24.2	68.5
NONWHITE	205	20.0	77.0	147	71.7	29.0
BRUNSWICK	511	20.7	9.0	222	43.4	32.0
WHITE	349	20.2	5.0	100	28.7	38.0
NONWHITE	162	21.7	64.0	122	75.3	10.0

**LIVE BIRTHS AND EXCESS BIRTHS WITH RATES AND RANKS BY COLOR
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COUNTY	LIVE BIRTHS			EXCESS BIRTHS		
	NUMBER	RATE	RANK	NUMBER	RATE	RANK
BUNCOMBE	2248	15.3	89.0	789	35.1	66.0
WHITE	1974	14.7	76.0	600	30.4	26.0
NONWHITE	274	21.0	68.0	189	69.0	44.0
BURKE	1091	17.8	46.0	374	34.3	68.0
WHITE	1013	17.8	16.0	327	32.3	15.0
NONWHITE	78	17.4	94.0	47	60.3	75.0
CABARRUS	1293	17.1	59.0	526	40.7	44.0
WHITE	987	15.6	56.0	276	28.0	47.0
NONWHITE	306	25.1	29.0	250	81.7	3.0
CALDWELL	1197	20.8	8.0	482	40.3	46.0
WHITE	1094	20.3	4.0	409	37.4	4.0
NONWHITE	103	28.2	10.0	73	70.9	33.0
CAMDEN	99	18.2	39.0	48	48.5	20.0
WHITE	61	17.7	18.0	20	32.8	12.0
NONWHITE	38	19.1	83.0	28	73.7	17.5
CARTERET	620	19.3	19.0	179	28.9	96.0
WHITE	536	18.8	10.0	122	22.8	77.0
NONWHITE	84	23.1	51.0	57	67.9	49.0
CASWELL	316	16.7	68.0	121	38.3	53.0
WHITE	153	15.6	57.0	40	26.1	59.0
NONWHITE	163	17.9	89.0	81	49.7	90.0
CATAWBA	1747	18.8	24.0	575	32.9	75.0
WHITE	1520	17.9	15.0	426	28.0	46.0
NONWHITE	227	27.7	11.0	149	65.6	57.0
CHATHAM	505	16.9	62.0	157	31.1	87.0
WHITE	341	16.4	41.0	62	18.2	93.0
NONWHITE	164	18.1	86.0	95	57.9	80.0
CHEROKEE	277	17.0	61.0	92	33.2	74.0
WHITE	266	16.8	30.0	85	32.0	17.0
NONWHITE	11	24.3	37.0	7	63.6	65.0

**LIVE BIRTHS AND EXCESS BIRTHS WITH RATES AND RANKS BY COLOR
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COUNTY	LIVE BIRTHS			EXCESS BIRTHS		
	NUMBER	RATE	RANK	NUMBER	RATE	RANK
CHOWAN	196	18.4	30.0	81	41.3	42.0
WHITE	92	14.8	75.0	21	22.8	76.0
NONWHITE	104	23.5	44.0	60	57.7	81.0
CLAY	79	15.4	87.0	24	30.4	89.0
WHITE	78	15.3	64.0	24	30.8	21.0
NONWHITE	1	20.0	78.0	0	0.0	98.0
CLEVELAND	1395	19.0	22.0	590	42.3	40.0
WHITE	990	17.1	26.0	307	30.7	22.0
NONWHITE	396	26.4	20.0	283	71.5	30.0
COLUMBUS	908	19.5	18.0	418	46.0	25.0
WHITE	542	16.9	29.0	153	28.2	44.0
NONWHITE	366	25.0	31.0	265	72.4	22.0
CRAVEN	1552	24.6	3.0	522	33.6	73.0
WHITE	1176	25.1	2.0	256	21.8	84.0
NONWHITE	376	23.2	49.0	266	70.7	35.0
CUMBERLAND	5373	24.4	4.0	1755	32.7	76.0
WHITE	3791	23.4	3.0	867	22.9	74.0
NONWHITE	1582	27.2	13.0	888	56.1	82.0
CURRITUCK	107	15.2	90.0	40	37.4	57.0
WHITE	72	13.8	87.0	14	19.4	90.0
NONWHITE	35	19.3	81.0	26	74.3	12.0
DARE	108	15.2	93.0	34	31.5	85.0
WHITE	99	15.0	72.0	29	29.3	31.0
NONWHITE	9	17.3	95.0	5	55.6	84.0
DAVIDSON	1811	18.5	27.0	680	37.5	56.0
WHITE	1567	17.8	17.0	514	32.8	11.0
NONWHITE	244	25.2	28.0	166	68.0	46.0
DAVIE	374	19.6	17.0	135	36.1	61.0
WHITE	308	18.3	14.0	92	29.9	29.0
NONWHITE	66	29.0	8.0	43	65.2	59.0

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COUNTY	LIVE BIRTHS			EXCESS BIRTHS		
	NUMBER	RATE	RANK	NUMBER	RATE	RANK
DUPLEN	694	18.4	31.0	297	42.8	36.0
WHITE	402	16.1	47.0	95	23.6	71.0
NONWHITE	292	22.9	52.0	202	69.2	43.0
DURHAM	2261	16.7	67.0	786	34.8	67.0
WHITE	1350	14.9	73.0	253	18.7	92.0
NONWHITE	911	20.4	74.0	533	58.5	78.0
EDGECOMBE	924	17.7	48.0	519	56.2	6.0
WHITE	417	15.1	71.0	121	29.0	33.0
NONWHITE	507	20.7	69.0	398	78.5	6.0
FORSYTH	3765	17.3	57.0	1363	36.2	59.0
WHITE	2577	15.3	67.0	561	21.8	83.0
NONWHITE	1188	24.5	36.0	802	67.5	51.0
FRANKLIN	435	16.4	75.0	234	53.8	9.0
WHITE	192	12.3	95.0	55	28.6	39.0
NONWHITE	243	22.1	60.0	179	73.7	19.0
GASTON	3065	20.3	12.0	1317	43.0	34.0
WHITE	2598	19.6	7.0	971	37.4	5.0
NONWHITE	467	25.4	27.0	346	74.1	13.0
GATES	139	16.5	73.0	59	42.4	39.0
WHITE	50	15.2	69.0	6	10.0	100.0
NONWHITE	79	17.6	92.0	53	67.1	53.0
GRAHAM	111	16.9	64.0	36	32.4	81.0
WHITE	102	16.3	43.0	32	31.4	18.0
NONWHITE	9	27.5	12.0	4	44.4	93.0
GRANVILLE	516	15.8	84.0	255	49.4	18.0
WHITE	204	11.1	96.0	53	26.0	63.0
NONWHITE	312	21.8	61.0	202	64.7	61.0
GREENE	208	14.1	99.0	108	51.9	12.0
WHITE	86	10.9	97.0	20	23.3	73.0
NONWHITE	122	17.8	91.0	88	72.1	26.0

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COUNTY	LIVE BIRTHS			EXCESS BIRTHS		
	NUMBER	RATE	RANK	NUMBER	RATE	RANK
CATAWBA	5192	17.7	49.0	1928	37.1	58.0
WHITE	3547	15.6	55.0	892	25.1	64.0
NONWHITE	1645	24.7	35.0	1036	63.0	69.0
HALIFAX	971	18.2	37.0	526	54.2	8.0
WHITE	399	14.6	79.0	104	26.1	61.0
NONWHITE	572	22.1	59.0	422	73.8	15.0
HARNETT	912	18.3	34.0	361	39.6	50.0
WHITE	521	16.6	36.0	141	22.7	78.0
NONWHITE	291	23.5	46.0	220	75.6	9.0
HAYWOOD	694	16.5	71.0	247	35.6	63.0
WHITE	678	16.5	39.0	237	35.0	7.0
NONWHITE	16	19.1	84.0	10	62.5	70.0
HENDERSON	724	16.6	70.0	236	32.6	78.0
WHITE	677	16.3	44.0	206	30.4	25.0
NONWHITE	47	23.3	48.0	30	63.8	63.0
HEREFORD	390	16.5	72.0	201	51.5	13.0
WHITE	140	13.2	92.0	23	16.4	97.0
NONWHITE	250	19.3	82.0	178	71.2	32.0
HOKE	355	21.6	7.0	208	58.6	4.0
WHITE	122	16.3	42.0	34	27.9	49.0
NONWHITE	233	26.0	23.0	174	74.7	11.0
HYDE	95	17.1	60.0	50	62.1	1.0
WHITE	41	12.6	94.0	9	22.0	80.0
NONWHITE	54	23.6	43.0	50	92.6	1.0
IREDELL	1274	17.4	55.0	503	39.5	51.0
WHITE	938	15.4	59.0	269	28.7	37.0
NONWHITE	336	26.7	16.0	234	69.6	42.0
JACKSON	336	15.2	91.0	106	31.5	84.0
WHITE	275	13.9	86.0	74	26.4	57.0
NONWHITE	61	26.0	22.0	32	52.5	88.0

LIVE BIRTHS AND EXCESS BIRTHS WITH RATES AND RANKS BY COLOR
FOR NORTH CAROLINA AND EACH COUNTY, 1971

COUNTY	LIVE BIRTHS			EXCESS BIRTHS		
	NUMBER	RATE	RANK	NUMBER	RATE	RANK
JOHNSTON	1023	17.6	51.0	435	40.2	47.0
WHITE	782	16.1	48.0	218	27.9	48.0
NONWHITE	301	23.2	50.0	217	72.1	27.0
JONES	177	18.4	32.0	96	54.2	7.0
WHITE	84	15.8	51.0	37	44.0	1.0
NONWHITE	93	21.6	66.0	59	63.4	67.0
LEE	606	19.6	16.0	258	42.6	38.0
WHITE	420	17.7	19.0	116	27.6	50.0
NONWHITE	186	25.9	24.0	142	76.3	8.0
LENOIR	973	17.6	50.0	432	44.4	30.0
WHITE	548	15.7	54.0	133	24.3	67.0
NONWHITE	425	21.0	67.0	299	70.4	36.0
LINCOLN	674	20.3	11.0	268	39.8	48.0
WHITE	561	18.8	9.0	189	33.7	8.0
NONWHITE	113	33.6	2.0	79	69.9	39.0
MCDOWELL	568	18.2	36.0	242	42.6	37.0
WHITE	515	17.5	22.0	206	40.0	2.0
NONWHITE	53	32.1	4.0	36	67.9	48.0
MACON	217	13.7	100.0	68	31.3	86.0
WHITE	212	13.7	88.0	65	30.7	24.0
NONWHITE	5	12.2	97.0	3	60.0	76.0
MADISON	231	14.6	98.0	70	30.3	90.0
WHITE	228	14.5	80.0	69	30.3	27.0
NONWHITE	3	25.0	30.0	1	33.3	95.0
MARTIN	457	18.7	26.0	217	47.5	22.0
WHITE	215	15.8	52.0	47	21.9	82.0
NONWHITE	242	22.4	57.0	170	70.2	38.0
MECKLENBURG	6973	19.1	21.0	2489	35.7	52.0
WHITE	4630	16.7	32.0	936	20.2	88.0
NONWHITE	2343	26.7	17.0	1553	66.3	54.0

LIVE BIRTHS AND EXCESS BIRTHS WITH RATES AND RANKS BY COLOR
FOR NORTH CAROLINA AND EACH COUNTY, 1971

COUNTY	LIVE BIRTHS			EXCESS BIRTHS		
	NUMBER	RATE	RANK	NUMBER	RATE	RANK
MELTCHELL	218	16.3	76.0	70	32.1	82.0
	217	16.3	45.0	70	32.3	16.0
	1	22.7	53.0	0	0.0	98.0
MONTGOMERY	353	18.2	38.0	162	45.9	27.0
	240	16.5	38.0	79	32.9	10.0
	113	23.4	47.0	83	73.5	20.0
MOORE	713	18.1	41.0	306	42.9	35.0
	454	15.4	63.0	125	27.5	52.0
	259	26.4	21.0	181	69.9	40.0
NASH	1091	18.5	29.0	484	44.4	31.0
	591	15.5	58.0	124	21.0	86.0
	500	24.0	40.0	360	72.0	28.0
NEW HANOVER	1695	20.1	14.0	613	36.1	60.0
	1251	19.1	8.0	300	24.0	70.0
	445	23.5	45.0	313	70.3	37.0
NORTHHAMPTON	416	17.6	52.0	255	61.3	2.0
	103	10.5	98.0	22	28.2	45.0
	313	22.6	55.0	226	72.2	25.0
ONSLOW	2785	26.5	1.0	785	28.2	98.0
	2369	26.9	1.0	557	23.5	72.0
	416	24.1	39.0	228	54.8	86.0
ORANGE	963	16.2	78.0	217	22.5	100.0
	747	15.3	68.0	101	13.5	99.0
	216	20.4	73.0	116	53.7	87.0
PAMElico	153	16.2	77.0	81	52.9	11.0
	34	13.3	91.0	24	28.6	40.0
	69	22.3	58.0	57	82.6	2.0
PASQUOTANK	430	15.9	82.0	140	32.6	79.0
	266	15.9	50.0	50	18.8	91.0
	164	16.1	96.0	90	54.9	85.0

LIVE BIRTHS AND EXCESS BIRTHS WITH RATES AND RANKS BY COLOR
FOR NORTH CAROLINA AND EACH COUNTY, 1971

COUNTY	LIVE BIRTHS			EXCESS BIRTHS		
	NUMBER	RATE	RANK	NUMBER	RATE	RANK
PENDER	287	15.9	23.0	135	47.0	23.0
WHITE	146	14.2	84.0	38	26.0	62.0
NONWHITE	141	18.0	87.0	97	68.8	45.0
PERQUIMANS	129	15.6	85.0	56	43.4	33.0
WHITE	70	14.3	83.0	16	22.9	75.0
NONWHITE	59	17.5	93.0	40	67.8	50.0
PERSON	491	19.0	23.0	188	38.3	54.0
WHITE	274	15.7	53.0	57	20.8	87.0
NONWHITE	217	25.8	25.0	131	60.4	73.0
PITT	1320	17.7	47.0	593	44.9	28.0
WHITE	656	13.3	90.0	113	17.2	96.0
NONWHITE	664	26.5	19.0	480	72.3	24.0
POLK	174	14.8	96.0	52	29.9	92.0
WHITE	146	14.1	85.0	32	21.9	81.0
NONWHITE	28	19.4	79.0	20	71.4	31.0
RANDOLPH	1321	16.9	63.0	430	32.6	80.0
WHITE	1211	16.7	33.0	356	29.4	30.0
NONWHITE	110	19.3	80.0	74	67.3	52.0
RICHMOND	734	18.4	33.0	337	45.9	26.0
WHITE	452	16.1	49.0	140	31.0	19.0
NONWHITE	282	23.8	42.0	197	69.9	41.0
ROBESON	2220	26.3	2.0	1190	53.6	10.0
WHITE	631	17.4	23.0	182	28.8	35.0
NONWHITE	1589	33.0	3.0	1008	63.4	68.0
ROCKINGHAM	1363	18.7	25.0	553	40.6	45.0
WHITE	964	16.7	34.0	290	30.1	28.0
NONWHITE	399	26.7	15.0	263	65.9	56.0
ROWAN	1493	16.4	74.0	527	35.3	65.0
WHITE	1176	15.4	62.0	317	27.0	56.0
NONWHITE	317	21.7	62.0	210	66.2	55.0

LIVE BIRTHS AND EXCESS BIRTHS WITH RATES AND RANKS BY COLOR
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COUNTY	LIVE BIRTHS			EXCESS BIRTHS		
	NUMBER	RATE	RANK	NUMBER	RATE	RANK
RUTHERFORD	855	18.0	42.0	339	39.6	49.0
WHITE	703	16.5	37.0	227	32.3	14.0
NONWHITE	152	29.8	7.0	112	73.7	17.5
SAMPSON	748	15.8	65.0	311	41.6	41.0
WHITE	418	14.7	78.0	105	25.1	65.0
NONWHITE	330	20.5	70.0	206	62.4	71.0
SCOTLAND	617	22.7	6.0	293	47.5	21.0
WHITE	316	18.5	12.0	97	30.7	23.0
NONWHITE	301	29.9	5.0	196	65.1	60.0
STANLY	782	18.2	40.0	277	35.4	64.0
WHITE	660	17.2	24.0	187	28.3	43.0
NONWHITE	122	25.7	26.0	90	73.8	16.0
STOKES	427	17.8	44.0	146	34.2	70.0
WHITE	364	16.7	31.0	106	29.1	32.0
NONWHITE	63	28.8	9.0	40	63.5	66.0
SURRY	903	17.4	54.0	266	29.5	93.0
WHITE	845	17.2	25.0	231	27.3	53.0
NONWHITE	58	22.6	54.0	35	60.3	74.0
SWAIN	186	23.9	5.0	76	40.9	43.0
WHITE	121	18.3	13.0	45	37.2	6.0
NONWHITE	65	54.8	1.0	31	47.7	91.0
TRANSYLVANIA	321	15.9	81.0	102	31.8	83.0
WHITE	290	15.3	65.0	84	29.0	34.0
NONWHITE	31	26.7	14.0	18	58.1	79.0
TYRRELL	55	14.8	95.0	32	58.2	5.0
WHITE	22	10.4	99.0	6	27.3	55.0
NONWHITE	33	20.4	72.0	26	78.8	5.0
UNION	1111	19.0	15.0	431	38.8	52.0
WHITE	796	17.5	20.0	208	26.1	60.0
NONWHITE	315	29.3	6.0	223	70.8	34.0

**LIVE BIRTHS AND EXCESS BIRTHS WITH RATES AND RANKS BY COLOR
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COUNTY	LIVE BIRTHS			EXCESS BIRTHS		
	NUMBER	RATE	RANK	NUMBER	RATE	RANK
VANCE	664	20.3	13.0	334	50.3	16.0
WHITE	323	17.0	27.0	85	26.3	58.0
NONWHITE	341	24.7	34.0	249	73.0	21.0
WAKE	4092	17.3	56.0	1185	29.0	94.0
WHITE	3016	16.5	40.0	543	18.0	94.0
NONWHITE	1076	20.4	71.0	642	59.7	77.0
WARREN	246	16.0	79.0	121	49.2	19.0
WHITE	75	12.9	93.0	12	16.0	98.0
NONWHITE	171	17.9	88.0	109	63.7	64.0
WASHINGTON	258	18.3	35.0	132	51.2	15.0
WHITE	128	15.4	61.0	27	21.1	85.0
NONWHITE	130	22.4	56.0	105	80.8	4.0
WATAUGA	356	14.7	97.0	103	28.9	95.0
WHITE	351	14.7	77.0	101	28.8	36.0
NONWHITE	5	18.9	85.0	2	40.0	94.0
WAYNE	1770	20.6	10.0	602	34.0	72.0
WHITE	1153	20.1	6.0	205	17.8	95.0
NONWHITE	617	21.7	63.0	397	64.3	52.0
WILKES	898	17.9	43.0	306	34.1	71.0
WHITE	330	17.5	21.0	275	33.1	9.0
NONWHITE	68	26.5	18.0	31	45.6	92.0
WILSON	1008	17.5	53.0	506	50.2	17.0
WHITE	490	13.4	89.0	110	22.4	79.0
NONWHITE	518	24.7	33.0	396	76.4	7.0
YACKIN	386	15.5	86.0	103	26.7	99.0
WHITE	363	15.4	60.0	88	24.2	68.5
NONWHITE	23	17.9	90.0	15	65.2	58.0
YANCEY	199	16.0	80.0	61	30.7	88.0
WHITE	198	16.1	46.0	61	30.8	20.0
NONWHITE	1	5.4	100.0	0	0.0	98.0
NORTH CAROLINA	95527	18.6		36443	38.1	
WHITE	67220	17.0		17547	26.1	
NONWHITE	28307	23.9		18896	66.8	

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